

# THE WESTERN FARM LEADER

CO-OPERATION

PUBLIC AFFAIRS

SOCIAL PROGRESS

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CALGARY, ALBERTA, August 17th, 1951  
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## URGE RECRUITING FARM HELP IN EASTERN CANADA

### FEDERATION ASKS VIGOROUS EFFORT TO BRING IN HELP

**Present Crop Outlook Suggests  
Need for Farmers to  
Provide Storage**

#### VIEW OF A.F.A. BOARD

**Annual Meeting of Federation  
in Calgary December  
17th, 19th**

EDMONTON, Alta. — In view of the fact that, if present prospects remain favorable, Alberta farmers will have one of their largest crops to harvest this fall, Directors of the Alberta Federation of Agriculture, meeting here August 13th, urged that every effort be made to recruit farm laborers from Eastern Canada. This subject, and grain storage facilities, were discussed by the Board with great thoroughness and care.

On the question of harvest wages they supported a previous recommendation made by the executive that wages be \$7.50 per day for harvesting and \$8.50 per day for threshing. This schedule to be based on a ten hour day plus board and room. It is realized that no hard and fast rate can be adhered to, but it is hoped that this schedule will at least provide a uniform basis.

#### Concern Re Grain Storage

The Directors viewed with concern the question of grain storage facilities that appear available for fall deliveries. With the large visible carryover of over 156 million bushels plus an unknown amount of grain on farms storage facilities will be at a premium.

The Federation recognizes the importance and responsibility of transportation in moving the crop to terminals for shipment. It also takes the stand that farmers should make every effort to supply suitable storage on farms. Such facilities may be costly, but the situation appears sufficiently serious and the delay in movement may be such that temporary open bins or ground storage may result in excessive loss.

#### Annual Meeting, Dates Set

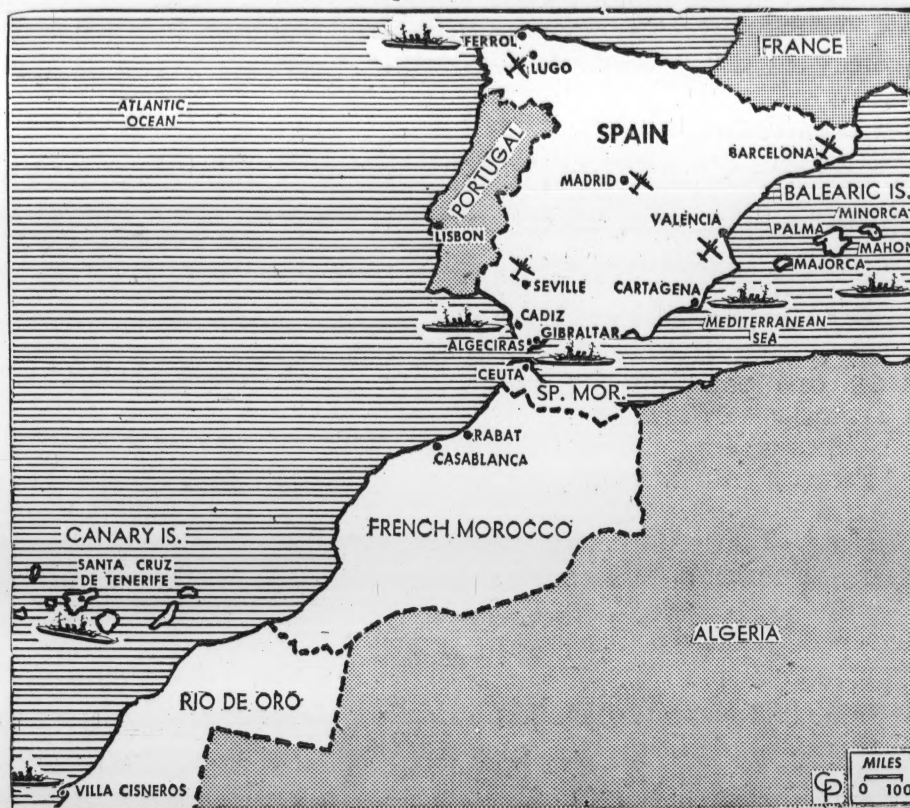
It was agreed that the 1951 annual meeting should again be held in Calgary. The date set was December 17th, 18th and 19th. The Executive was instructed to make the necessary detailed arrangements.

Other business before the Directors included the consideration of reports from committees and the C.F.A. Board meeting recently held at MacDonald College, Quebec. Ben Plumer reported on this meeting. K. V. Kapler, Poultry Director, reported on the activities of the poultry committee with regard to marketing legislation.

While Mr. Allen, livestock Director, was not in attendance, a written report dealing with the National Swine

(Continued on Page 13)

## Plan U.S. Bases in Spain and French Morocco



While Britain and France have unequivocally declared their opposition to the association of any member of the North Atlantic Treaty Organization with Franco Spain, and Canada has shown no enthusiasm for such association, negotiations with Franco entered into by the United States through the late Admiral Forrest R. Sherman are expected to lead to a virtual alliance. On Monday of this week the Senate Foreign Relations Committee approved a \$400,000,000 military and economic program of aid for Spain and rejected a subcommittee's criticism of the Franco dictatorship.

The U.S. aim, it has been stated, is to obtain the right to establish U.S. controlled bases in Spain and Spanish Morocco. Points at which, it has been reported (without official authority) naval and air bases are likely to be established, are indicated on the map above. The U.S. is also preparing to establish air bases in French Morocco at Casablanca and Rabat, the same report states.

Independent authorities with no ideological bias report that the Franco regime in recent months has become increasingly shaky.

## Farmers' Union to Meet in Calgary in December

The Annual Convention of the Farmers' Union of Alberta will be held in Calgary, December 10th to 14th, it was decided at the mid-summer meeting of the F.U.A. Central Board, held in Edmonton recently. Invitations to address the Convention are being sent to J. L. Phelps, S.F.U. President; Rt. Hon. J. G. Gardiner; Hon. David Ure; and Hon. H. R. Bowman, B.C. Minister of Agriculture.

Plans for an all-out membership drive after harvest call for a complete canvass of every township of settled land in the Province, states President Henry Young, who adds that actual dates will be set later, and will depend on harvesting conditions.

#### One Section Not Approved

Other business done included adoption of an F.U.A. Program, based on decisions of the three annual conventions of the organization; appointment of a committee to assemble material on Producer Marketing

Boards; receiving a full report of the Regina Conference, and consideration of the Brief which had been presented to the Federal Ministers. (This was approved with the exception of the section dealing with co-operation in the event of another war. This had suggested such co-operation might be doubtful if farmers' grievances not redressed.)

The Board voted unanimously in favor of the present method of marketing Coarse Grains through the Wheat Board; received replies from the Provincial Government to last year's resolutions; received a report on the Junior Conference by Junior President Bruce Ellis; and gave support to the Rural Leadership course to be held in Banff in October.

Two Constitutional Amendments for the forthcoming Annual Convention were approved by a majority of the Board: one, to change the mem-

(Continued on Page 13)

## Figures Vary, But All "Going Up"

LONDON, England. — In the year ending in June, 1951, the cost of living increased by 9 per cent in the U.K., the U.S., and in Canada. For Switzerland and Ireland, the figure was 5 per cent; for West Germany and Italy, 10 per cent; for Belgium and Holland, 13 per cent; for Norway, 16 per cent; Sweden, 17 per cent; Austria, 18 per cent; and France, 20 per cent.

## To Observe "Co-operative Day" in Saskatchewan

REGINA, Sask. — Friday, August 24th, is being observed in Saskatchewan as "Co-operative Day."

#### NILE HYDRO-ELECTRIC SCHEME

The first stage of the \$45 million Uganda hydro-electric scheme at Owen Falls on the Nile is expected to be ready by March, 1953.



# Central Alberta Dairy Pool Section

SLOGAN FOR TODAY: "Test and Weigh and Keep the Cows That Pay"



## Telling the Story to Consumers

**M**EMBERS of the C.A.D. Pool together with 400,000 other dairy farmers are telling the story of dairy foods to Canadian Consumers.

You contributed one cent for every pound of butterfat you produced in June last year. This is what your contribution helped do:

For the first time you, as a Canadian Dairy Farmer, have your own

- Advertising Program.
- Merchandising Effort.
- Public Relations Program.

These are working for you every week across Canada — working effectively to  
Expand Your Domestic Market,  
Protect Your Market,  
and  
Hold Your Domestic Market for the Future.

### Here is Your Record

From December 1st, 1950, to June 30th, 1951, you will have used

- 3,368 Newspaper Ads.
- 3,322 Radio Ads.
- 126 10-minute Broadcasts.
- 23 Color Magazine Ads.
- 28 Trade Paper Ads.
- 336 Special Newspaper Ads.

Your Dairy Foods Service Bureau will have

- Provided Exclusive recipes each month to 70 Newspapers.
- Distributed 22,000 Recipe Pamphlets in response to Consumer Requests.

The individual cost was small — a cream producer shipping 3 50-pound cans a week contributed about \$1.80, and a milk shipper produ-

cing 500 pounds of milk a day about \$5.25, but the collective result was mighty.

In June this year our patrons again chipped in another cent per pound butterfat, realizing that they were helping their own business.

### Something Else Must Be Done

To ensure the ultimate success of the advertising campaign that you have paid for, something else must be done.

We must make sure that the products we are selling are the best in the world.

THE QUALITY OF DAIRY AND POULTRY PRODUCTS IS DETERMINED ON THE FARM.



Sunshine and warm weather can do great harm to the quality of eggs unless proper precautions are taken. Eggs must be cooled quickly and then stored in a cool, dry room before shipment. Shipments should be made as often as possible and then care taken to avoid having the produce in the sun for any length of time.

Poultry producers seeking to produce quality eggs and meat practice good husbandry when caring for their flocks. Good buildings kept clean on fresh pasture are important in disease control. The use of fences to keep out other animals as well as keep the chickens in are useful and not costly. Egg producers find that limited pasture for laying hens increases the grading quality of the eggs.

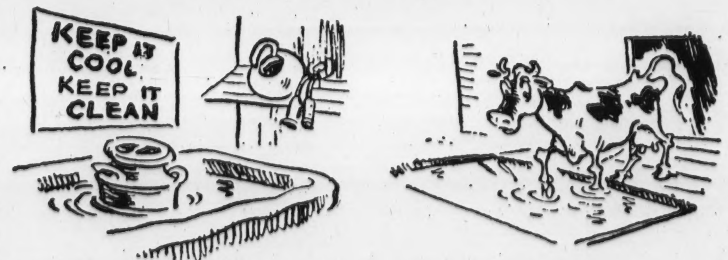
THOUSANDS OF CANADIANS  
ARE  
CO-OPERATIVE LIFE INSURANCE  
POLICYHOLDERS

Provide for Your Future the Co-op Life Way

**Co-operative Life Insurance Co.**

402 Northern Hardware Bldg., Edmonton, Alta.

Phone 23724



Producers of dairy products know the worth of the need to keep their products cool and their utensils clean. A little extra care will mean premium prices for quality goods.

Disease control is an important factor when



## CENTRAL ALBERTA DAIRY POOL SECTION

producers have high-priced quality livestock. They take care to keep premises clean, to quarantine animals coming into their herds and they insist on knowing of the health status of animals purchased. These simple precautions save time and worry and safeguard their own herds.

Let's back up our financial contribution with a quality producing program at home.

## POULTRYMEN!!!

Here's the Dope on Newcastle Disease

WITH reports of Newcastle Disease in central and northern Alberta announced recently by the Hon. D. A. Ure, Minister of Agriculture, every precaution should be taken to prevent spread of the disease. Poultry owners suspecting Newcastle Disease in their flocks are advised to contact the Health of Animals Division at Edmonton, Calgary, Vermilion, Camrose, Wetaskiwin, Red Deer, Drumheller or Lethbridge. Reports may also be made to a local veterinarian or to the Veterinary Laboratory, Alberta Department of Agriculture, Edmonton.

Disease in young birds are similar to colds, and include sneezing, coughing, or difficult breathing. Twisting of the head under the breast or over the back, walking backwards or in circles may occur in some cases. In laying flocks, coughing and sneezing which spreads rapidly throughout the flock is one of the main symptoms. There is usually a sharp drop in egg production, and if eggs are laid they are laid on the floor and are usually abnormal in shape and color. Older birds may develop paralysis in one or both legs, and twisting of the neck may be present. The death rate in older birds is not so high.

Symptoms of Newcastle

## Life of Milk Can and Milk Cow About the Same

A GOOD milk can will last as long as a good milk cow. But though a milk cow is "retired" when past her productive age, many dairy farmers will attempt to use milk cans long past the safety mark.

Most dairy cows will produce from seven to eight years.

A good milk can also should last from seven to eight years. It, too, requires care. It consumes no food, has only an initial cost and, all in all, is a much cheaper investment than a cow. But if a milk can is used after its tour of duty should have been ended, it is

STOCK  
TANKS

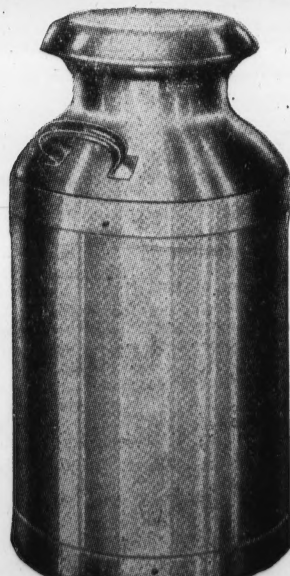
We manufacture Stock Tanks and Storage Tanks in all sizes. Our "REVCO" Tanks are manufactured with the exclusive lock joint.

## FENCE POSTS

We have a good stock of sizes in split and round B.C. cedar posts.

Send Your Inquiries To

Revelstoke Sawmill  
Co. Ltd.  
Stockyards, East Calgary



liable to penalize the dairy farmer's profits.

The milk can affects the milk in it. If the can is dented badly, or if it has open seams or damaged lining, then it should not be used for Grade A milk. Such milk certainly will be rejected due to off flavors.

Milk cows, after they are through producing, usually are sent off to market. Milk cans, after they have seen their Grade A days, should also be retired from active service. Under no condition should they be used to carry quality milk.

## Cans Are Getting Scarce

Steel for war purposes is taking a large percentage of our steel production, leaving an ever diminishing amount for other uses. You will be wise to replace old and faulty cans now whilst you can obtain them. We have a fair supply of 8 and 5-gallon cans

at prices which cannot be duplicated. Order now from any branch of the C.A.D. Pool, or from your hauler.

Projects in control of water erosion are under way at Pincher Creek, Nobleford and Drumheller.

CASH for  
BONES

Clear up your acreage and turn the bones into cash. We have agents throughout Alberta and Saskatchewan who will take delivery. Remember, the more bones we get, the better the supplies and the lower the prices of such products as fertilizers, soap, sizing, glue, matches, abrasives, calcium, phosphorus, etc.

WRITE TODAY FOR NAME OF NEAREST AGENT AND CURRENT PRICES

CANADIAN ORGANIC DEVELOPMENTS LTD.

Successors to Western Bone Processors Ltd.  
304 BURNS BUILDING, CALGARY  
ALBERTA PHONE 23033

## Binder Twine

Savings on cash or consignment binder twine may be made by buying dependable U.G.G. twine through U.F.A. CO-OP.

Write for Particulars to:

Farm Supplies Department

UNITED FARMERS OF ALBERTA CO-OPERATIVE Ltd.

Calgary — 125 - 11th Ave. East

Edmonton — 7 Shasta Building

## GROW

MONEY-MAKER Chick growing feeds can build layers and profits for you by putting strong, vigorous pullets in the laying-house earlier. The Growing Mash contains a balanced combination of all the building nutrients necessary for growing pullets. It is most palatable and most digestible, and is available in the complete feed or Concentrate form.

## FAST

• MONEY-MAKER  
GROWING MASH

Feed at the rate of 8 pounds per 100 birds daily.

• MONEY-MAKER Chick  
Growing Concentrate

Mix 100 pounds of concentrate with 500 pounds of your own ground grain and feed 8 pounds per 100 birds daily.



## PULLETS

WITH



PUT ALL YOUR PULLETS ON A PAYING BASIS BY FEEDING THEM MONEY-MAKER FROM NOW ON! See your local U.G.G. agent or MONEY-MAKER dealer today!



# THE WESTERN FARM LEADER

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of the Organized Farm Movement.

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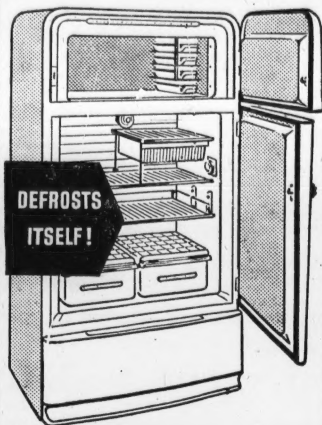
Vol. 16.

CALGARY, ALBERTA, FRIDAY, AUGUST 17th, 1951.

No. 15.

## New Imperial Frigidaire

with a separate  
Locker-Top



Made for  
once-a-week  
shopping!

The only refrigerator with 3 best kinds of cold—each with its own refrigerating system—Food-Freezer Cold, Super-Safe Cold, Super-Moist Cold... and all these features—

- Famous Meter-Miser mechanism with 5-Year Protection Plan
- Exclusive Quickcube Trays
- Rust-resistant shelves
- 2 big, deep Hydrators
- 73.5 lb. frozen food storage

Come in! See it and  
other models now!

On Display at All Frigidaire  
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Or Write

**Bruce Robinson  
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**VIEWMASTER & REELS**  
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FULL COLOR

View  
Master  
\$2.95



Reels  
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**PHOTOCRAFTS**  
The Complete Photographic Store  
816 Centre Street Calgary

### FROM STRENGTH TO STRENGTH

Marking the passage of half a century of co-operative effort by exceeding the billion dollar mark in volume of business done, Canadian co-operatives have reason to be proud of their record in 1950. The story of their achievement has just been published by the Department of Agriculture at Ottawa in a most informative bulletin.

The exact total of business done in 1950 was \$1,039,857,258. The number of associations increased during the year by 314 to a total of 2,951 and membership was higher by 118,177. In 1932 the number of associations was 795. The 1950 report does not include some smaller co-operatives which did not provide figures, but all chief organizations were included.

Co-operative sales of farm products amounted to \$803.6 million. The sales of merchandise, including farm machinery, feed, fertilizer, coal, wood and building material, food products, clothing and home furnishings, had a value of \$206 million. Sales of fish, fish products and supplies amounted to 16.7 million.

During the twelve months to July, 1950, co-operatives marketed 35.2 per cent of the main farm products sold commercially. Omitting grain and seed, in marketing of which the co-operatives are very active, one quarter of all farm produce passed through hands of co-operatives. Percentages of sales of individual products sold by co-operatives were estimated as follows; tobacco 99.4 per cent, wool 76.4 per cent, grain 60.6 per cent, fruits and vegetables 35.8 per cent, dairy products 27.9 per cent, poultry and eggs 15.3 per cent.

### MAY BRING CANADA SOME BENEFIT

The scurrilous and libellous attack made in a U.S. Senate committee upon E. H. Norman, acting chief of the Canadian delegation to the United Nations, will bring some benefit to Canada, annoying as it must have been to Mr. Norman, if it strengthens the determination of all decent Canadians to resist at all costs the spread of the witch hunting spirit to this country.

Important newspapers across Canada have rightly deplored the failure of the Government at Ottawa, (though its vindication of Mr. Norman is of course complete) to protest in emphatic terms in Washington.

"For witnesses to be allowed to make frenzied allegations about Canadian public servants who have no real means of defending themselves," the *Calgary Herald* rightly insists, "is a matter which the Canadian people will not and the Canadian Government should not, tolerate. Let these self-appointed Torquemadas keep their thumbscrews at home."

The great body of Americans who revere the principles upon which their republic was founded are fighting to check the current campaign to create a poisonous atmosphere in which innocent men and women may be destroyed by baseless slander.

As Harold L. Ickes has expressed it in *The New Republic*: "The people do not like the befoulment of our international relations" by an unscrupulous clique in Congress. "They resent the smearing and intimidation of patriotic public servants by such political gangsters" as

### THE PEACE TALKS

*It glows again — the spark that lay so deep  
Beneath the ashes of reluctant fires.  
Not yet may hope, renascent, boldly leap  
Towards the changeless goal of our desires.  
But Peace still hovers over the morass  
To which man's folly has all men condemned,  
The storms that now encompass us may pass,  
The forces of destruction still be stemmed.*

*On strange uncharted paths that lie ahead  
We must move slowly, patient with delay,  
Lest new misunderstandings should be bred  
To end forever dreams that live today.  
May wisdom guide the keepers of the light  
That trembles now through shadows of the night.*

— ISA GRINDLAY JACKSON.

those who have been given their head in the Senate. A vigorous protest from Canada would bring added power to the forces in the United States which in the name of the best in the American tradition are today laying siege to the "forts of folly" and evil.

### MR. JUSTICE DOUGLAS DISSENTING

From his unassailable position as a member of the highest court in the land, and as a genuine democrat whose devotion to traditional Americanism is well-known, Mr. Justice William O. Douglas, Associate Justice of the United States Supreme Court, has recently offered candid criticism of certain aspects of American foreign policy.

For three successive years Mr. Justice Douglas has made extensive investigations of Asian problems, travelling thousands of miles through Middle and Far Eastern lands.

His conclusions may be challenged, but not his motives. His views are expressed in the August 14th issue of *Look*, in an article of some length. He charges that the U.S. is losing friends and strengthening Communism because (in summary):

1—We (U.S.) surrendered our policy to Asia to military men after World War II, permitting generals to make political decisions.

2—We completely fail to recognize legitimate, revolutionary pressures boiling up out of poverty, disease and ignorance.

3—We support viciously corrupt elements in Government who are interested only in preserving the feudal status quo of landlordism.

4—We fail to recognize the burning concept of equality for the colored races, and powerful sympathy for communism in China.

5—We never should have crossed the 38th parallel in the Korean war. That was a political question which should not have been left in military hands.

### "ALL WET A LONG TIME"

In a satirical article headed "Confessional for Politicians" in *The Ottawa Citizen*, Bruce Hutchison pokes fun at a number of Canadian public men and institutions. In view of the fact that the cost of living index was recently reported at 187.6, the following is of especial interest:

"Lake Memphremagog, Quebec: Near his summer home here Finance Minister Abbott immersed himself for 30 days in this historic lake in penance for his error in predicting that prices would level off at a point about 45 per cent higher than pre-war.

"Emerging from the icy water blue and gaunt, Mr. Abbott said he felt cold, hungry but gloriously pure. After food, drink and massage he addressed his neighbors from the porch of his cottage, predicting that inflation would soon be cured. Officials of the Bank of Canada, who had given Mr. Abbott the erroneous figures after the war, were still submerged somewhere in the lake. A search party is being organized. 'There is no hurry though,' said the chief of the local police. 'Those boys have been all wet so long that a little more moisture won't hurt them.'"



## From Nanton to Mexico City in Easy Stages

By BETH SEARS

**W**HEN this trip was proposed it seemed like the most far fetched dreams coming true. We lost no time getting ready.

We started off on May 4th as we wished to visit in and around Omaha, Nebraska, Topeka, Kansas (where Snow had lived and gone to high school and college before coming to Canada in 1910), the old Silkville Farm where he was born, Williamsburg, Ottawa and Wichita, Kansas, where old friends still lived, and we didn't want to be too crowded for time.

### Shows Effects of Dry Season

We crossed the Canada-U.S. border at Coutts, Alberta, and by way of Great Falls, Lewistown and Billings, Montana, Sheridan, Mud Creek and Caspar, Wyo., then pretty well east to Valentine, Nebraska when we angled south-east to Omaha.

Most of this country as far as Valentine seemed rather desolate and showed the effects of a long dry season. Northern Montana is much like Southern Alberta, except that there are a lot of oil pumps scattered about. They are quite small — no derricks — and all unattended. It seemed funny to see pumps all going with no one in sight for miles.

Shortly out of Great Falls and all the rest of the route we followed, the country was rough and hilly and seemed to be all ranch country, although some of it was poor even for that, for all that was growing was sage brush. On the whole we saw few cattle, and what we did see were Herefords till we got well across Nebraska, then there were a few Angus and Shorthorn of the beef breeds.

At Midwest we ran into oil derricks — lots of them — with the famous Tea Pot Dome in plain sight. The oil is piped to several large refineries at Caspar. Most of what we saw of Nebraska till we got near Omaha, was rolling and hilly, ranch land.

### Sleek Cattle in Corn Country

As we got near the eastern side of the state we began to get into the corn and hog and beef feeding country; and where there had been one or two cows to a section of land in parts of Wyoming and Western Nebraska, there

Travelling by car from Nanton to Mexico City in company with her husband, Snow S. Sears of Nanton, and their daughter Miss Marilyn Sears, Mrs. Sears made a record of many things seen and heard on the tour of especial interest to agricultural people. The tour extended from May 4th to July 17th. During a part of this period Mr. Sears, who is a Director of United Grain Growers, Limited, was in attendance at the Conference of the International Federation of Agriculture Producers in Mexico City, as a delegate from the Canadian Federation of Agriculture.

We are very glad to have the opportunity to present, in this and later issues, portions of Mrs. Sears's account of the tour, an account which is of especial value because in its production penetrating observation has been complemented by interesting narration.—EDITOR

were now good sized herds of fat sleek cattle on much smaller acreages of fine pasture, and there were lots of fine farm homes that compared well with those in any elite section of the cities for beauty and landscaping.

Omaha, on the whole, was a pretty city. The trees were well leaved out, and flowering shrubs and other flowers were in full bloom. The drive from there to Topeka was beautiful, and Topeka is a beautiful city. I shudder to think of the havoc the recent floods will have caused there.

### Visiting Old Classmates

We had a very enjoyable stay there. My husband found quite a number of his old classmates and fellow ball players of high school days; also a couple of his old high school teachers. They all seemed genuinely pleased to see him and we were sorry we couldn't spend a little more time there.

In Williamsburg we found a couple of elderly people who had been on the old Silkville Farm when Snow was born there. They were delighted to see him and we had a grand visit there, and with another old lady of 98, who had also lived at Silkville and who now lives in Ottawa, Kansas.

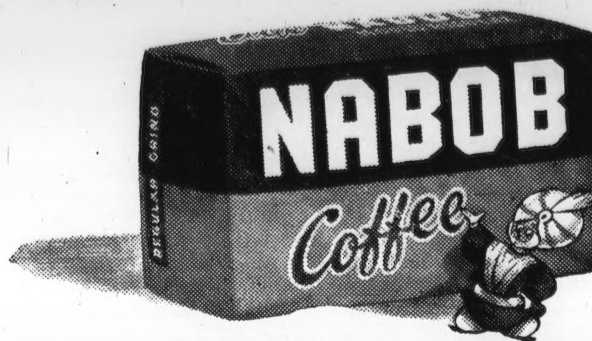
Thursday night we reached Wichita, where we phoned a couple of other friends of Topeka High School days. They came and got us and we spent the evening at their place. The next morning Mrs. Blinn drove us around, showing us the main points of interest. Wichita is a fine thriving city of some 200,000 — lots of fine big shade trees, fine homes, big elevators and flour mills, three aeroplane plants and large stock yards.

### At Boeing's Plane Plant

Boeing have the largest plant and employ some 20,000 workers. They established a group of dormitory style houses for their employees during the war. In fact the Boeing area was a regular town, for they had their own post office, police office, traffic lights, theatre, etc. Mrs. Blinn said that at one time it was the seventh city in size in Kansas. It was called Plane-view.

After lunch we left for Stillwater, Oklahoma, where the "A and M College" (Agricultural and Mechanical) of Oklahoma is. One of the young professors took us around the buildings. They have quite a large arena there for their judging classes. I don't think it would be any exaggeration to say it is as big as the ring in Calgary at the

# ALWAYS ASK FOR...



bull sale. They have some of their experimental animals beneath the arena.

### Some Important Experiments

One area of the state is quite low in phosphorus, and they have noted by test that the blood of the cattle from this area is high in blood carotene and low in blood Vitamin A, so they are trying to find out the correlation between low phosphorous and carotene conversion to Vitamin A. Also there is an area high in manganese. Whether it is the same area or not, I'm not sure, but they are trying to find out if this level of manganese is toxic over a period, and also if there is any connection between high Mn. and low P., that is if the high Mn. ties up P. in any way, thereby reducing conversion of carotene to Vitamin A in the blood.

They have also some steers and sheep in metabolism tests there. Dr.

Nelson, the chap who was showing us around, phoned the Students' Union Club on the campus and got us a room there for the night. This was a very modern and up-to-date hotel. One end of the building is a hotel where students wishing to study hotel management get practical training, and the other end houses various student activities — dancing, lounges, club rooms, cafeteria, coffee shop, game rooms, bowling (ten pins) and billiards, etc., and a number of small specialty shops on the ground floor level.

Dr. Darlow, who is chief animal husbandry man and head of the college, took us out to see some of their purebreds that were near the campus. They had some lovely looking animals of all three beef breeds (Hereford, Shorthorn and Angus) and then he showed us around the buildings.

(Continued in next issue)

## The Calgary Co-op. Store

123 - 11th Avenue East

Features These Seasonal Savings

### HONEY EXTRACTOR

A time tested machine that can handle the largest crop of honey with ease. A 36 frame Radial Extractor, of ball bearing construction, that provides for ease of operation and years of service. This extractor is offered at a gift, with the special price of (less motor and pulleys) ..... **\$160.00**

### HONEY EXTRACTOR

4-Frame Reversible, of heavy galvanized iron. Each ..... **\$37.75**

We also carry a complete range of honey tins of all sizes, also canning tins and lids

### GRAIN LOADERS

**MAYRATH** — 21-foot loader, with chain hoist, complete with engine. Less tires and tubes, each ..... **\$339.95**  
**MAYRATH** — 21-foot loader on truck. Less tires and engine, each ..... **\$196.00**

### GAS ENGINES

Busy Bee Marine type engine that is your answer to the numerous power requirements on the farm. 5 Horse Power, air cooled unit of very compact design. Feature Value ..... **\$129.00**

### BINDER TWINE

See Your Co-op Store first for your needs in Binder Twine. Only the best brands handled, and we offer the lowest market price. Baler Twine as well as the regular 550 and 600 ft. twine is always stocked.

Phone 26121, All Departments

1,500 Amp. 32 Volt

### ONAN LIGHT PLANT

With 16, 17-plate Batteries  
3 years old

Recently rebuilt —  
with 30 bulbs

**\$350.00**

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In practice in Calgary 38 years

# Some Reflections on the Opening of the St. Mary Dam

By NORMAN F. PRIESTLEY

**I**RRIGATION has little meaning to those who have not seen the effect of the application of water to land previously lacking in the moisture necessary to release for plant life the fertility in the soil.

It is not necessary to be a farmer or to know farming life intimately to get at least a partial understanding. One has only to travel over the highway in summer through some hot region such as eastern Washington to see the transformation water makes.

A stream like the Columbia flows for scores of miles through arid, seared-brown hills, growing nothing of value until some enterprising settler creates an oasis of fertility by pumping water to a level where it flows gently along a ditch some height above the river and is applied to raise fruit and vegetables and for-

age crops on the land below. Above are the same brown hills. Below the ditch is luxuriant growth.

Thoughts of this transforming power of water came to me during the ceremony at the official opening of the St. Mary Dam south-west of Lethbridge on July 16th.

There was a certain symbolic quality in the use of the occasion by the chiefs of the Blackfeet Confederacy to confer a Kanai chieftainship upon our Dominion Minister of Agriculture, the Rt. Hon. James G. Gardiner. We stood

or sat before a temporary platform in an amphitheatre created by a fold in the hill at the south-east end of the dam near the control tower. Half a mile to the north-west on the other side of the lake above the dam were assembled a score or so of mounted Indian chiefs and minor chiefs on horseback. They were resplendent in all their native finery. At the official signal they came down the slope to the dam in single file, preceded by a thirty-piece band of the Royal Canadian Mounted Police in the traditional scarlet tunic uniform, and marched to martial music across the dam.

It was an impressive sight, particularly as they individually cleared the end of the road across the dam and stood

For many years Mr. Priestley lived in the area of Southern Alberta tributary to Lethbridge which has been transformed into a highly productive and prosperous farming community through irrigation. In the light of this experience, his reflections, vividly presented below, on the significance of the St. Mary River project, acquire added interest.

Mr. Priestley recently accompanied Douglas Thornton, Educational Director of the U.F.A. Co-operative Association, to the opening of the St. Mary Dam, where Mr. Thornton took moving pictures of the event. These pictures will be included through the courtesy of the U.F.A. Co-operative in a film which he is producing under the auspices of the Alberta Co-operative Union and the Alberta Co-operative Wholesale. The film, when completed, will incorporate sequences of the activities and interests of co-operatives throughout the Province into a pictorial description of some of Alberta's beauty spots and farming and ranching areas.

—EDITOR

out against the clear sky where the brilliant sunshine  
(Continued on Page 11)



GOVERNMENT OF CANADA

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Minister of National Health and Welfare,  
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## C. F. A. Holds Semi-Annual Meeting

**I**NTRODUCTION of live grading of hogs for export to the United States was unanimously recommended by the Directors of the Canadian Federation of Agriculture at the summer meeting this month; the reason for such action being that Canadian prices may in the future find a level that would encourage shipment to the U.S. market. This was one of numerous questions, including that of immigrant farm labor and coarse grains shipments to Eastern Canada, dealt with by the Directors and described by Mr. McFall below:

By JAMES R. McFALL, Secretary

In our notes for this edition we will try and report a few of the highlights of the C.F.A. summer Board meeting that was held at Macdonald College on August 6th, 7th and 8th.

The Alberta directors present included K. V. Kapler and Ben Plumer. The Federation Secretary attended on behalf of Mr. Marler, President of the A.F.A.

Tuesday afternoon, August 7th, a public session was held for the benefit of Quebec farmers wishing to attend. A large number of local farmers representing Farm Forum members were in attendance.

### Swine and Poultry Committees Meet

Before going into a fuller report of the Directors' meeting may I state that on August 2nd and 3rd meetings of our National Swine and Poultry Committees were held in Ottawa. Attendance at these meetings included special representatives from the Provincial Federations interested in these respective fields. In some cases they are our C.F.A. Directors. For Alberta, Mr. Kapler is our representative on the poultry committee, while Hugh Allen represents us on the Swine Committee. These committees are in a position to give a more detailed study of the questions under consideration and report their findings to the C.F.A. Board of Directors.

After reviewing the general situation, the Swine Committee launched into a full discussion on the question of live grading of hogs for export. While the meeting could not find common ground in support of live grading for movement in the inter-provincial trade, they did unanimously endorse live grading for export to the United States.

This point was later endorsed by the Directors' meeting. The reason for requesting a live grading system for export of live hogs was the feeling that Canadian prices may in the future find a level that would encourage shipment to the U.S. market. Because of the fact that Canadian

hogs are of a quality that should find favor in that market, it was felt that they should be moved under some grade standards.

### Proposed New Rail Grades

Discussion also centred on the new grades proposed by the Dominion Livestock Products Branch for rail grading. Representatives of the Livestock Branch were invited to attend to provide further basic information. No decision was reached on this question, but two committees were appointed to give the new proposals further study.

The Poultry Committee reviewed Provincial activities with regard to marketing—legislation and schemes that are being promoted. They also established what were considered necessary requirements for the successful operation of a National Poultry Marketing Board.

Besides further discussion on the reports from the above committees, the Board meeting dealt at length with the farm labor problem and coarse grain marketing in Eastern Canada.

### Immigrant Farm Labor Problem

Consideration of the farm labor problem brought out many points of concern and criticism of present policies with regard to bringing in immigrant farm labor. The meeting urged that the Department of Labor and Immigration adopt a more closely coordinated policy to avoid duplication of efforts and remove misunderstanding. More careful screening in the selection of farm immigrants was also urged, along with some assurance that they would be kept in agriculture for a reasonable period of time and not allowed to leave for industrial employment in the cities.

Many Directors felt very keenly on this point. They objected to the fact that they spent considerable time and took chances with machinery and livestock in training these people only to lose them to urban centres when they learned to speak English.

The meeting went on record urging that they be returned to country of origin if they were unwilling to fulfill the regulations under which they were allowed to enter this country.

George McIvor, Chief Commissioner of the Canadian Wheat Board was able to attend during part of the discussions on the question of coarse grain marketing. This point was raised by the Eastern Federations because of difficulty in securing regular supplies of feed grains and because of wide fluctuations in prices they were asked to pay for feed at point of delivery.

### Transportation the Key

The Eastern members felt that the Wheat Board should be responsible for the movement to and holding of sufficient quantities of feed grain at eastern points to assure them of regular supply.

Discussions that followed brought out that transportation problems held

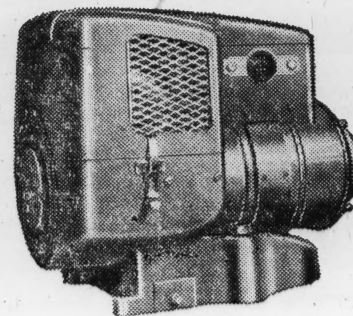
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the key to this whole question. This fact also had a very direct bearing on the price situation, in that feed handlers were in a position to increase their handling margins when supplies were not readily available.

It was agreed that the transportation question was a difficult one to solve in that all available boats and rail cars are being used to capacity and are often withdrawn from the grain trade because of better paying loads in other fields of transportation. The question was left with the under-

standing that the Wheat Board would take a very careful look at the possibility of placing some reserve stocks in strategic points for delivery to Eastern feeders.

Consideration of many other points of lesser importance or having to do with the functioning of the Federation brought to a close a very successful board meeting.

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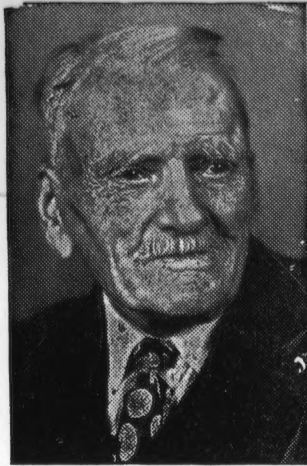
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## Harvesting Problems

Losses due to improper harvesting and threshing are not only a land investment loss, declares Dr. F. J. Greaney, Line Elevators Farm Service, but also a loss of man and machine power. One of the problems connected with combine harvesting, he says, is the tendency for combine operators to "beat the gun" and start harvesting before the grain has reached full maturity, or before it is dry enough. This means a sacrifice of yield with no advantage as to quality. Mechanical damage in threshing (particularly expensive in the case of barley) can be largely prevented by proper adjustment; slow cylinder speeds and proper adjustment of cylinder, concaves, sieves and wind are advised.

## Founding Father Passes



At the ripe age of 96, W. R. Ball (above), one of the founders of the United Farmers of Alberta (formed in 1909 by the amalgamation of the Canadian Society of Equity and the Alberta Farmers' Association), died in Edmonton on August 5th.

Mr. Ball was well-known to old timers in the farm movement. He was inspired by social idealism and gave to various good causes devoted and unselfish service. Even in quite recent years, he wrote from time to time to the Press in support of co-operation and also of public ownership.

High tribute to his character and personality was paid in an interview with *The Western Farm Leader*, by Norman F. Priestley. Some years ago, while preparing material for a pageant dealing with the history of the farm movement which was then projected, Mr. Priestley was brought into close contact with him.

A native of Charlottetown, P.E.I., Mr. Ball moved to the United States in his youth, working on a farm in Massachusetts and later as an upholsterer in Nebraska. With his brother, he drove to Alberta in 1895, in a covered wagon loaded with a plow and other farm implements. He homesteaded at Hillsdale, 14 miles from Edmonton. He was a temperance and church worker, and he donated the site of All People's Chapel in Edmonton. Surviving are his widow, a son, R. G. Ball, of Athabasca; two daughters, Mrs. J. E. Drader and Mrs. A. L. Mills of Edmonton; 11 grandchildren and 17 great-grandchildren.

The world crop of citrus fruit last year was the largest on record.

## WORLD CHRONICLE

**July 19th.** — Franco sets up new government, with Monarchist tinge accentuated; but critics see no essential change. U.N. force must stay in Korea until peace established, Acheson maintains.

**July 20th.** — Abdullah, king of Jordan, assassinated; was protege of British. U.S. begins rebuilding war bases in Greenland.

**July 21st.** — Kaesong talks recessed until Wednesday.

**July 22nd.** — Mississippi passes flood peak at Kansas City; highest in 107 years.

**July 23rd.** — Petain dies, at 95; was hero of first world war, collaborated with Nazis in second. Ottawa announces "super-salesman" to go to Washington to get increased U.S. war orders for Canada. From London comes report Britain approves meeting western and eastern European countries (including Russia) on grain trade. Manitoba expert places Kansas flood damage at billion dollars.

**July 24th.** — U.K. will buy 95 million bushels wheat, 350,000 tons flour from Canada in 1951-52, at \$1.90% plus 6 cents carrying charge. U.S. defence secretary Marshall lays down terms for Korean armistice; includes agreement on "defensible military line", no reinforcements, arrangements for mutual inspection, agreement on war prisoners.

**July 25th.** — Morrison warns against too much reliance on Communist peace overtures; reiterates British opposition to U.S.-Spanish negotiations. U.S. foreign policy is "no policy," charges MarArthur; says Korean war inconclusive and that it is ending in appeasement. Bidault's failure to form French government fourth in 16 days. Chinese attack repulsed east of Kumbwa.

**July 26th.** — Agenda for cease-fire talks agreed on at Kaesong, issued from Ridgway headquarters. Freezing of dividends in Britain announced by Gaitskell. Joint Canadian-American committee for industrial mobilization is to be revived and strengthened.

**July 27th.** — U.S. plans force of 400,000 for Europe next year, states Marshall. Franco government charges British interfere in Spanish-American relations.

**July 28th.** — Chinese Nationalists seize Yunnan territory, moving in from Burma.

**July 29th.** — Tehran reports resumption oil talks with Britain likely, on basis arranged by Hariman, now in London. General elections held in Israel; (later, Ben Gurion labor government emerges in improved position).

**July 30th.** — Stokes will head mission to Iran, announces Morrison; Iran agrees to standstill in oil plants during negotiations. Justice W. O. Douglas of Supreme Court warns "military philosophy predominant in shaping U.S. policy may result in anti-American crusade in Asia."

**July 31st.** — Truman signs one-year extension of economic control, declaring it inadequate as watered down by congress; will ask for revision and strengthening of provisions.

**Aug. 1st.** — *Pravda*, in response to challenge, publishes statements of Morrison, repudiating "war-mongering" charges, deploring Russian barriers to information from West; carries parallel rebuttal; both statements printed in several London newspapers. Jebb tells U.N. Egypt must lift blockade on strategic material bound for Israel. Acheson rejects Communist proposal for buffer zone in Korea along 38th parallel. Shinwell reaches New York for arms standardization talks. London reports Britain is building atom bombs. Britain will continue to

buy Canadian wheat, while protesting 6-cent carrying charge, stated. In London after European tour, L. B. Pearson says he finds East-West tension lessening, while Washington statement suggests situation never more dangerous.

**Aug. 2nd.** — French assembly turns down Petsche as premier. In Ottawa, General Bradley confers with Canadian military heads; agreement reported on Washington buffer-zone policy in Korea. Washington announces plan for oil company co-operation to counter threatened oil shortages.

**Aug. 3rd.** — Arms standardization conference in Washington (by Britain, France, U.S., Canada) announces no immediate action but will make another effort "as early as practicable" for standard calibre rifle ammunition.

**Aug. 5th.** — Fourteen-day world peace festival opens in East Berlin.

**Aug. 6th.** — British-Iranian talks begin in Tehran. Record peace-time military budget of \$56 billions approved in Washington. President Shvernik of Russia again calls for five-power peace pact, in letter to President Truman; State Department officials immediately declare this is "just propaganda."

**Aug. 7th.** — N. SHVERNIK Ridgway says will resume cease-fire talks but armed troops must keep out of Kaesong. American Civil Liberties organization condemns McCarthy attacks on government employees, brands McCarran act greatest threat to civil liberties since 1798. Returning from Europe, Pearson says he found better feeling, more optimism, than a year ago. U.S. rejects Shvernik proposal.

**Aug. 8th.** — Truman asks \$307 million aid for Chiang Kai-Shek. Only "minimum hope" of averting all-out war seen by Congressional military spokesman Mahon.

**Aug. 9th.** — Communists agree to resume Kaesong talks, say neutrality won't be violated again. India to hold first general elections under new constitution in January. Canadian diplomat E. H. Norman "smeared" in U.S. Un-American Activities Committee. At British-Iranian meetings in Tehran committee appointed to work out system of tanker receipts.

**Aug. 10th.** — Ottawa issues formal statement affirming loyalty of E. H. Norman. Kaesong conference deadlocked in silence for over two hours; discussion resumed after buffer zone question by-passed. Britain will go ahead with plans for production of small bore rifle. In contrast to alarming statements from Washington, Eden states danger of war no greater than year ago.

**Aug. 11.** — Plevin wins vote of confidence for cabinet; seven other men had failed to form governments since French general elections.

**Aug. 12th.** — Eisenhower quoted in Washington as saying fright and hysteria ridiculous; free world's strength is overwhelming.

**Aug. 13th.** — Russia will attend Japanese peace treaty conference in San Francisco, September 4th, announced. U.S. Senate committee approves vote of \$400 millions for Spanish aid. Australian Army will use British small bore rifle.

**Aug. 14.** — Kaesong talks continue, near deadlock on buffer zone.

**Aug. 15th.** — Iranians reject British proposals, which included British management, but will continue negotiations. At Kaesong, sub-committee will study buffer zone proposals.

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# Interprovincial Conference at Regina

By HENRY YOUNG, President F.U.A.

**I**N the City of Regina, Saskatchewan, on July 23rd and 24th there assembled a gathering unique in the history of Western Canada. This was the Interprovincial Conference of the Farmers' Unions of Manitoba, Saskatchewan and Alberta.

## May Prove Historic

This was the first time that the delegates of these three bodies have met in joint conference and it may well prove historic in the progress of farm organization in Western Canada.

The choice of Regina as a meeting place was a happy one, as this area is intimately connected with the beginnings of farmers' organizations. It was not far from Regina where the embattled farmers of the olden days met to form the Territorial Grain Growers' Association in the year of 1901. In those far-off days, farmers had many immediate grievances, most of which were remedied after they got organized.

Now is the year of 1951, farmers met again with a new set of grievances to remedy. This time the main point was the fact that the price of wheat is now completely out of line with the prices of things farmers have to buy. As wheat prices are rigidly controlled by the Federal Government, the rising demand for a revision of wheat prices to a parity basis is directed to that Government. To that demand the Government has so far turned a deaf ear. A delegation sent by the farm unions to Ottawa in April received a curt refusal. A second delegation was planned but the Government refused to see them in Ottawa, proposing instead that Western members of the Cabinet should meet the delegation in the West. This was the background of the Regina Conference.

## Spectacular in Many Ways

The conference itself was spectacular in many ways. First its size, which was over 1,100 delegates and a flock of visitors. Originally slated to take place in the Convention Hall of the Hotel Saskatchewan, it was found necessary to move to the nearby Metropolitan Church, at noon of the first day, as not even standing room was available in the former location. No such burning interest has been shown in a gathering of this kind since the early days of the Grain Growers' movement.

Secondly the conference was spectacular in its staging and action. This is the first time that Federal Ministers of the Crown representing the Prairies, together with the Government Members of Parliament for the same area, have been herded into one section of a choir loft and had the demands of the farmers placed before them by chosen spokesmen of the Unions, while a great body of delegates looked on and applauded. It was a great illustration of democracy in action and should have so registered with all who saw it.

The actual events of the convention can be simply told. The first forenoon was occupied with the preliminaries and the addresses of welcome by the Presidents of the three Unions. J. L. Phelps for Saskatchewan, Jake Shulz for Manitoba and Henry Young for Alberta.

In the afternoon the conference got down to business and after considerable discussion adopted the brief to be presented to the Cabinet. It was decided that the actual presentation would be made by the three Presidents and that each should choose four members from his own organization as additional spokesmen. A. R. Hadland represented the Peace River Block of B.C. An evening session was held which continued till 11 p.m. at which many resolutions were discussed.

## Presentation to Cabinet

On the morning of the second day the actual presentation to the Cabinet Ministers and Government M.P.'s took place. The Government was represented by Minister of Agriculture, James Gardiner, Minister of Justice, Stuart Garson and Mines Minister, George Prudham. They were accompanied by some 16 Liberal Members of Parliament, mostly from Saskatchewan. Alberta Liberal Members were conspicuous by their absence.

The brief was presented by J. L. Phelps, President of the Interprovincial Council of the three Unions. He was followed by the other two Presidents, who emphasized the principal features of the presentation. Various others spoke briefly.

In reply, Mr. Gardiner spoke for more than an hour, after which a question period of 30 minutes was held. During all this time the Chairman had considerable difficulty in keeping order, as the crowd was evidently displeased with the Minister's attitude and showed an inclination to get out of hand, booing rather freely at times. In the course of his lengthy remarks Mr. Gardiner made no definite commitment except to place the Farm Unions' demands before the full Cabinet on his return to Ottawa. This session of the conference finally concluded at 1.15 p.m.

**Opposition Members Pledge Support**  
In the afternoon the first business was the presentation of the brief to the Opposition Groups of the House of Commons. These were represented by Western Members of the Conservative, Social Credit and C. C. F. parties. All these groups pledged their support to the farmers demands and sharp criticism of the Government's policy in regard to wheat marketing was voiced. The blank refusal of the Government to impose price control was condemned by all. After a question period, this phase of the conference was concluded and a closed session for members only was held.

At the closed session, ways and means for getting action from the Government were discussed. There was some feeling that immediate preparation for a non-delivery strike should be undertaken. However, after some debate a motion to this effect was tabled. Instead the conference decided that the Government should be given time for full consideration and reply before any further action is taken.

**Council to Consider Further Action**  
Accordingly, a motion was passed instructing the Interprovincial Council to ask the Federal Cabinet (Continued on Page 12)

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## Secretaries Meet Ideas Exchanged

### Co-ordination of Farm Activities Is Fully Discussed

Following the C.F.A. semi-annual meeting, held at Macdonald College, Quebec, the Federation Secretaries from across Canada met to discuss Federation activities from the Secretarial level. This was the first meeting of its kind held by the Federation. James R. McFall, Alberta Secretary, reports that the discussion should prove most helpful.

The first item on the agenda was a full report by the Secretaries on their respective organizational set-up. In this way those present had a clearer conception of the overall farm organization picture in Canada. The fact that this was the first time some of the Secretaries had met proved helpful in itself.

### Valuable Exchange of Ideas

The dissemination of information, getting news before the public and facts back to the farm people was a topic that took up a large share of the program. It was impossible to establish any pattern as to how this should

or could be done, but the exchange of ideas and practices helped to enlarge the field of those present. Colin Groff, National Secretary, through his many years of experience in the field of press reporting and public relations, was able to give valuable assistance.

The co-ordination of farm activities, especially those requiring government contact, was discussed thoroughly. It was generally agreed that while the Federation could not at all times meet government officials with or on behalf of member organizations, they should be informed of such interviews and of material submitted in briefs.

It was fully recognized that all member organizations are autonomous units, but the lack of this co-ordination is, not in the interest of the overall farm movement and in many cases proves embarrassing.

### WORSE THAN WINTER'S COLD

OTTAWA, Ont. — Lack of shelter in the intense heat of summer is more injurious to a young pig than the cold of mid-winter, states the Canadian Department of Agriculture in a bulletin entitled the "All-Year Hog Cabin." It includes diagrams and list of materials for the type of cabin recommended.



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## FARM WOMEN'S INTERESTS

Including News of The Farm Women's Union of Alberta

### World Problems and Our Local Topics

Comox, B.C.

Dear Farm Women:

This is a time when I think many of us are somewhat cowards in our thoughts. We are trying to avoid thinking of the great problems with which the world is faced; problems which may affect us personally very directly before they are settled. In self-defense, we say to ourselves that what we could do to influence world affairs would be so infinitesimal it would be without effect at this stage. Had we bestirred ourselves earlier, we might have contributed to public opinion and public action.

#### Weather Conditions Widely Vary

In different parts of the country, different topics are introduced as the ones of chief interest. We, who were formerly of the prairie, are most glad to hear that the drought of some years is not the general problem there, but we have noted with deep regret that the losses from hail have been heavy this year. I am sorry to say the drought continues here and contributes to detract from both the crops and the beauty of the gardens.

There are some, I suppose, to whom it is not something to be regretted. People who are off on a short holiday do not usually wish for rain and this is a season when there are many tourists, many visitors to this part of the country. The summer tourist camps keep well filled with the more or less permanent guests, and cars are to be noted from different places.

Probably a topic that would have been raised some time ago with many

Alberta people would have been the Calgary Stampede. Here, there would probably be different ones, as I said. For instance, I think the sport of salmon fishing would be very apt to come to the fore. There will be many who will regretfully comment that they have had numerous attempts to land one but without success. And of course there are more encouraging and interesting stories.

#### Exploits of an Eighty-year-old

Someone will probably ask if the listener has heard of the success of one man here, who I believe is over eighty years old and was out in his boat alone and landed one which weighed 54 pounds. He did not do it without difficulty, I assure you. Still, he managed it, and I am sure he and his friends would be glad. You understand that if caught in the harbor here Salmon cannot be sold.

I think I told you last year of the big day the potato growers had and potatoes are the principal crop for sale here. The government experts were on hand to inspect and advise in the different fields. Prizes were given for different varieties of potatoes and for freedom from disease, etc. The day finished by a most entertaining banquet at night I hear.

#### Newsprint Mill to be Great Asset

An item of conversation that is of much interest is that a big newsprint mill is to be started very soon at a town — or I suppose I should say city — not so far away. That is something that will be a great asset. As a pulp mill it will, I believe, make use of much that has been discarded and much refuse as well as smaller stuff. And now such companies are beginning to realize they must adopt a more careful policy than the lumbering of the old days, with the tremendous amount of waste at the time and no thought of the future.

But despite these topics which divert us for the time, we find our minds returning to the burning issues of the day, and most earnestly we hope that constructive measures for mankind will prevail rather than the destructive ones we fear.

Yours sincerely,  
H. ZELLA SPENCER.

### News of Women's Locals

Inland F.W.U.A. (Vegreville) are going to work for a larger membership, writes Mrs. John Zaseybida, secretary.

Plans for the Veteran conference were discussed at the last meeting of Veteran F.W.U.A., writes the secretary, Mrs. Julia Olsen.

Summer meetings will be held in the evenings, winter meetings in the afternoon, members of Swallow F.W.U.A. have decided.

Arrowwood F.W.U.A. have made donations to the Salvation Army, Junior Red Cross, Robert Gardiner Scholarship, the Blind, and have collected \$279 for the Cancer Drive, reports Mrs. M. C. Morton. They also sponsored blood donor clinics this year and last year.

A good discussion followed reading of the bulletin on penal reform, at a recent meeting of Milo F.W.U.A. writes Mrs. Lorna Umscheld. It was decided to buy two more books for

### The Western Farm Leader PATTERN DEPARTMENT



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Ideal for approaching school days is this jumper outfit. Pattern 4513 comes in sizes 11, 13, 15, 17; for size 13 the jumper takes 4 1/4 yards 35-inch material, and the blouse 2 yards. Price of pattern 35 cents.

the book club, and some serving trays for the Local.

Mrs. Geo. Chynoweth writes that Heath F.W.U.A. are arranging a Judy dress form demonstration and a picture on some aspect of home-making, for October.

Hairy Hill F.W.U.A. are raffling a set of dishes to raise funds, reports Mrs. Mary G. Mihalcheon. Sending of a parcel to a local boy serving in Korea is another project.

Plans for a fall bazaar, and a chicken supper dance to be held in October, occupied the attention of members of Sunnibend F.W.U.A. (Fibroch) at a recent meeting, reports Mrs. Anna B. Plain.

In spite of rain, Asker F.W.U.A., (Ponoka) cleared over \$104 from their bazaar and supper, held recently, reports Mrs. J. W. Vold, secretary; proceeds will be used to repair the hall kitchen. This Local has also packed a large box of diapers and children's clothing for the "Diaper Parade."



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## FARM HOME & GARDEN

**Iris Plants** can be divided in August, and peonies in September. In the case of iris, old plants should be dug-up, the centres discarded, and the outer portions replanted. Old peony plants should be divided with as little damage as possible, each new division having three to five buds or eyes, and replanted with two inches of soil over the eyes. The foliage should be cut off.

**For Freezing** all vegetables should be blanched by immersing, a few at a time, in boiling water, cooled immediately by plunging into ice water, drained, and placed in cartons. It is not necessary to blanch fruits, says L. H. Arnold of the Provincial Department of Agriculture; raspberries and strawberries may be packed with sugar or syrup, and Saskatoons require only washing before being placed in the cartons and quick frozen.

**Savory Roll:** Make a biscuit dough, roll into an oblong; spread with sliced tomatoes and sliced onions, season, and sprinkle with grated cheese; roll up, and bake about half an hour.

Conrich F.W.U.A. at a recent meeting made arrangements to cater for a field day, writes Mrs. K. Carlyle; Mrs. McLaughlin read the bulletin on penal reform, which the members found most interesting.

A talk by Miss Grace Horbay on Frozen Food Lockers was arranged recently by Park Grove F.W.U.A. (Vegreville); at the same meeting it was decided to devote some of the money earned by serving lunch at a tillage competition, to buying teaspoons.

Rosyth F.W.U.A. held one of their summer meetings at Hardisty Lake, with a social hour and swimming for the children, writes Mrs. Margaret B. Burpee. Earlier, a demonstration on English smocking and huck weaving was given by Miss Curran.

A Queen contest sponsored by Evergreen F.W.U.A. yielded \$175, earmarked for Cancer Research Society. Miss Dorothy Biske was crowned Queen at the annual picnic; other highlights were the numbers played by the Rotary Band from Red Deer, the outdoor evening show, fireworks, and a dance after midnight, writes Mrs. M. A. Brandon, the secretary.

Care of pre-school children was the subject of an address by Mr. Trasov, of the Provincial Training School, to

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## Increase Meat Ration

LONDON, Eng. — The British meat ration has been increased twice since July 22nd, and a third increase, scheduled to take effect Aug. 19th, will bring the weekly allowance to almost twice what it was a month ago. It will stand at 1s.7d. worth per week.

Roseleaf, F.W.U.A. (Blackfalds). Many questions from the audience were answered by the speaker.

Reports on the F.W.U.A. Conference in Wainwright, and the district convention at Vermilion, were given to the last meeting of Ascot F.W.U.A. (Wainwright district) by Mrs. Winnie Both and Mrs. Marie Valteau.

## ST. MARY DAM (Continued from Page 6)

brought out every feather in the head-dress and the erect posture of each rider. These were the representatives of a primitive, nomadic life, which knew no culture of the soil in the long centuries before the white man came.

Investing their approach with additional regal dignity was one of the finest examples of the majesty of the law known to modern times, the scarlet-coated policemen of the plains. These colorful men of the law symbolized to me the intervening stage of the nineteenth century, when they made effective the distant, wide-flung sovereignty of Britain's ruling monarchs and democratic people. Together they were converging upon what the Indians called "The White Man's Magic", the dam, its tunnels and spillway.

This great earth structure, holding back 320,000 acre-feet of water, creating a lake eighteen miles long, which covers farms of men I have known in years past, was not the product of sheer man power in the crude manner of the ancient east. It was torn off the hills and piled high where the river had flowed since before man was, by the powerful engines of the machine age. Magic indeed!

Assembled on that hillside, witnessing the colorful ceremony, hearing the speeches of the chief actors in the drama were thousands of men and women who had looked forward to this event for years. These men and women, who know so intimately what the lack of water can do to a crop in a few hot summer days, saw behind that dam the assurance that water would henceforth be available when needed.

The St. Mary is only a small stream. It becomes a mere creek after the snow has melted in the mountains. The water it carries in mid-summer is totally inadequate to cover the area "under the ditch" at the time when lush growth is consuming the sub-soil reserves and the hot Chinook wind is taking its toll.

The ditch-riders of the old Alberta Railway and Irrigation Company, the C.P.R. subsidiary controlling the projects of the Lethbridge district south of the Oldman River, have had a difficult job over the years to ration out the water supply entering the laterals from the main ditch. Many a bitter quarrel has arisen between neighbors over their inability to obtain use of the water.

All that is now changed. That little stream is a strong river in the spring run-off and will fill the eighteen-mile-long lake to the top of the dam if allowed to do so. A head of water over a hundred and seventy feet high will fill laterals and ditches and flow to the farthest reaches of the surveyed area on the hottest days no doubt for generations to come.

Who will predict what this will mean to southern Alberta? Already

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the waters of this small river have brought into being numerous prosperous communities with shady tree growth and wonderful gardens. Already with only the natural flow, without storage, it has been the basic cause of the building of three multi-million dollar sugar refineries, several canning factories and numerous associated industries and commercial undertakings. Added to its cattle and coal and its great, dry-land wheat areas, the irrigation systems of the district have made of Lethbridge one of the finest of Canada's smaller cities, growing at a rapid rate and surrounded by a dozen important satellite towns. The economic results of the St. Mary Dam project will be far reaching indeed.

Sociologically speaking, other im-

portant consequences will probably be an increased density of population and an extension of the thickly populated areas to the east and south past Lethbridge on towards Medicine Hat. These communities will have their own special character for the next generation or so, while Hungarian and Hollander, Chinese and Japanese, and many other racial and national origins, merge with the Anglo-Saxon and other nationalities into a more or less homogeneous citizenry working out their destiny as an important element in the shaping of our new Canada.

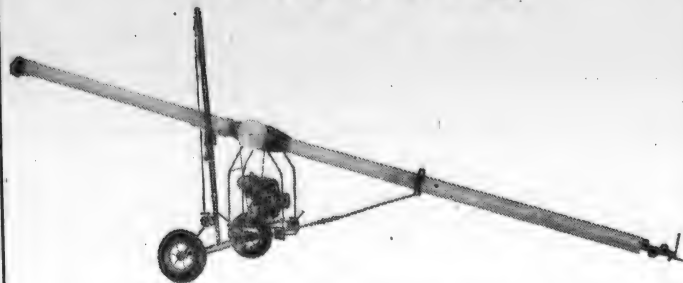
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### REGINA CONFERENCE (Continued from Page 9)

for a definite reply to the main points raised in the Farm Union brief by the first of September. Failing a satisfactory reply by that date, the Council will meet to consider further action to get results.

A motion calling for a non-buying strike in the event of no action by the Government, was tabled after some discussion. The conference finally closed about 6.30. A collection to help defray convention expenses netted \$606.60.

In conclusion, it may be said that the main feature of the conference was the resolute purposeful attitude of the great delegation in attendance. From the stand-point of the numbers,

Saskatchewan of course, dominated the conference, but all three Provinces were well represented in the discussion. Alberta members were heard from on every subject. It is quite evident that the farmers of Saskatchewan and Manitoba are thoroughly aroused on this wheat price issue. There is need for greater support from Alberta wheat growers to get results.

This conference may well go down in history as a milestone in the progress of farm organization in Western Canada. The delegates and officers there did their duty. They have now returned home to get more help on the job. The final outcome will depend largely upon the follow-up to this effort. In the last analysis this will rest upon the farm people of the west. If we use the occasion and assert ourselves the future is in our own hands.

### Co-op Officers in Calgary

Accompanied by J. P. MacDonald, Vice-President of the Co-operative Union of Canada, and General Manager of the Cape Breton Co-operative Services, Sydney, N.S., A. B. MacDonald, National Secretary of the Union, visited Calgary last week. The visitors were shown around the city by Norman F. Priestley, Secretary of the Alberta Co-operative Union, visiting heads of co-operative organizations here. Later the visitors went on to Kelowna, to attend the semi-annual Board Meeting of the Union, August 7th, 8th and 9th.

Scottish shipyards last year delivered 200,000 gross registered tons of new ships to overseas owners.

### Donogh Straw Buncher



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## The Wheat Situation

By E. PATCHING, Publicity Dept.  
Alberta Wheat Pool

Wheat production in the Prairie Provinces may well reach bumper proportions of over 500 million bushels. Over Northern Saskatchewan and most of Alberta, however, crops are still green, and heavy frosts within the next two or three weeks would play havoc with both yields and grades. Last year frosts in mid-August struck prairie grain crops, and although wheat production still reached 427 million bushels, almost half of it was unfit for milling purposes.

Crops across Southern Manitoba and Southern Saskatchewan are only fair, but elsewhere in the three Prairie Provinces bumper crops are forecast.

Should the bumper crops materialize, prairie farmers will be up against a critical grain storage problem. At the end of July country elevators and lakehead terminals were still carrying 162 million bushels of wheat, mostly low grade from the 1950 crop, when they should have been pretty well cleared out. Delivery quotas of six bushels per acre have been established, and it looks as though farmers will have to store a large part of this year's crop right on their own farms.

### Smaller U.S. Crop Forecast

The outlook in the United States is not as bright as it was a month ago, and now a wheat crop of 998 million bushels is forecast, making this the smallest crop since 1943. High acreage abandonment, due to droughts this spring and recent damage from floods, has been responsible for the drop in production, as seeded acreage was up considerably this year.

Favorable weather in Europe has brought considerable improvement in the outlook for most grains, with the Balkans expected to harvest the best wheat crop since the war. In Western Europe, however, the wheat crop is expected to be below the 1950 output.

In Austrana, growing conditions are satisfactory, but there has been a substantial acreage reduction, and preliminary estimates place this year's wheat crop at 171 million bushels as compared to last year's crop of 183 million bushels. In Argentina the weather has been dry and acreage is unlikely to be expanded greatly despite a rather intensive program on the part of the Government to encourage increased plantings.

## BUTTER PURCHASE POLICY OUTLINED

### Negotiations Incomplete — Figures Wheat Sales Given

M. McDUGALL, Press Gallery

OTTAWA, Aug. 15th — Beyond pursuing negotiations for the purchase of butter, which it had been decided should be bought to supplement the butter in storage in this country, there is nothing new to report, say agricultural officers here, on the statement issued on August 3rd.

On July 1st the amount of butter in storage was about 32 million pounds, this comparing with 49 million on the same date 1950, and 43 million on July 1st, 1949. In the previous year, the amount was 30 million, slightly less than this year. The low amount this July 1st brought the decision to buy 10 million, and to obtain options to buy a further 10 million pounds of butter production falls below present estimates. A limited amount of creamery butter will also be purchased, but the amount of this will vary with the import program. Whether New Zealand butter will

## Livestock Markets Review

CALGARY STOCKYARDS, Aug. 15th. — Hogs sold yesterday \$35.50, sows 18.50, good lambs \$32. Good to choice butcher steers, \$32.25 to \$34.25, down to \$26 for common; good to choice butcher heifers \$31 to \$33.50, down to \$25 for common; good cows \$25 to \$26.25, down to \$22.50, for common, canners and cutters \$18 to \$22; good bulls \$27 to \$28, down to \$24.50 for common; good stocker and feeder steers \$32 to \$34, down to \$25 for common; good to choice veal calves, \$32 to \$36.

EDMONTON STOCKYARDS, Aug. 13th — Under light receipts, the market firmed up at the end of the week; three loads of choice dry fed steers were sold at \$34.50; bulk of butcher steers were of only medium quality and sold at \$27 to \$30. Hogs closed \$36.60, Grade A, for shipment; good to choice lambs sold at \$30 to \$32.

### THE DAIRY MARKET

Local prices are unchanged; butter prints remain at 65 cents, wholesale; Special cream is 65, No. 1 is 63, No. 2 is 54 and off-grade, 48. Production, consistently below last year's, is now showing a seasonal decline.

### EGGS AND POULTRY MARKET

Egg prices (to producers) remain at 65 for A1 large, 63 for medium, 59 for pullets; A large are 60, medium 58, Pullets 54; Grade B are 42, C 36, crax 34. Chickens, rail grade, over 5 lbs. are 43 for special, 41 for A, 38 for B, 30 for C; 4-5 lbs., are 41 down to 28; under 4 lbs., 37 down to 24. Fowl, over 5 lbs. are 37 down to 25; 4-5 lbs., 35 down to 23; under 4, 31 down to 20.

be bought isn't certain as yet. That country sold 85 per cent of its exportable surplus to Great Britain, and apparently 15 per cent remains, but whether prices will be right is something to be decided by negotiation. The butter may come from some other country. The first butter shipment can't be here before two months.

### The Sole Importer

The sole importer will be the Agricultural Products Board under the direction of L. W. Pearsall, a leading official of the Department of Agriculture. Last calendar year 4,800,000 lbs. of butter were imported, all from New Zealand.

The government policy under which the purchase of butter is being made is to serve both the consumer and the farmer, to keep prices from rising too much to the consumer in the low period of production and to stabilize returns to farmers during the period of high production, when prices might go too low. The purchase will guarantee sufficient butter for the consuming public of Canada.

The latest report on crop conditions in Canada, issued on August 8th, indicate that there is "very heavy crop growth" in Alberta, and that apart from the Southeast where there has been warm dry weather moisture is ample to carry the crops to maturity. Hail loss has been high in central

(Continued on Page 13)

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**Co-op Cash Trade**

MANCHESTER, Eng. — The cash trade of British co-operative retail societies reached a record figure last year of £613,765,220.

and western areas. In Saskatchewan rain and higher temperature have greatly improved crops prospects for central and Northern areas, while in southern areas through lack of adequate rainfall and continued heat the condition of crops has deteriorated in many sections. Above average yields are expected in central and northern districts.

**Sales and Purchases Under Agreement**

A report of sales and purchases of wheat under the international wheat agreement from August 1st, 1950 to July 13th, 1951, shows that of the annual guaranteed sales to 45 world countries of 562,545,000 bushels, 530,827,000 bushels had been sold. Of 88,700,000 bushels guaranteed by Australia, 87,402,000 had been sold. Canadian guaranteed sales were 121,592,000 for the crop year. Of this 90,608,000 bushels had been sold, leaving an undelivered balance of just under 31,000,000. Of 4,089,000 bushels to be sold by France 3,885,000 bushels were delivered. The guarantee of the United States was 248,163,000 bushels. This was over delivered by 769,000 bushels.

Great Britain was the main purchaser, having bought 176,900,000 bushels, of which 37,897,000 came from Australia, 114,695,000 from Canada, 92,000 from France and 24,217,000 from the United States. Of the 45 purchasing countries, Canada sold wheat to 33, the main purchasers after Britain being Belgium (9,694,000 bushels), India (11,403,000), Italy (15,254,000) and Union of South Africa (8,213,000 bushels). Ireland received 6,571,000 and Cuba 4,717,000 bushels from Canada.

Britain has already agreed to purchase 95,000,000 bushels of wheat from Canada under the international wheat agreement, with 350,000 tons of flour, the equivalent of another 18 million bushels.

**Guard Against Biological Attack**

As part of the country's civil defence program, and with special reference to the danger that might come through bacterial or biological warfare, a special organization, Animal Health Emergency Organization, has been established in Canada. A biological attack in time of war might well work havoc on livestock, and the organization is designed to make a careful study of animal diseases and means of preventing their spread. The group of experts in the agricultural department will co-operate with Provincial Departments of Agriculture and private veterinary practitioners. The work of the organization is to detect, report and isolate diseases which might be spread by an enemy bent on destroying the nation's food of animal origin.

**A.F.A. BOARD**  
(Continued from Page 1)

Committee meeting was read on his behalf. J. R. McFall, Secretary, reported on the Lacombe Experimental Farm Committee recently appointed by the Federation.

The Directors also reviewed activities and financial statement in relation to the Federation radio program "On the Farm Front."

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**Gave Way Against Better Judgment Under US Pressure Britain Put £3,600,000 with £550,000,000 Aid as All She Could Afford**

LONDON, Eng. — The original British arms program which was considered an absolute maximum was set by the Government at £3,600,000,000; but was later raised to £4,700,000,000 under U.S. pressure. An account of the matter is given in *The New Statesman and Nation*, in part as follows:

**Story of "The Missing Dollars"**

"... the original arms program of £3,600,000,000 was calculated on the assumption that the Americans would provide £550,000,000 of 'free dollars,' and that the British contribution would therefore only amount to £3,050,000,000. The story of the missing dollars is an interesting one ... Directly after the House of Commons recessed at the beginning of the Korean War, the Treasury began work on a memorandum to be submitted to Washington. Strange to recall, the main object of this Government paper was to obtain the maximum amount of American help by putting the figure of rearmament which Britain could physically afford AS HIGH AS POSSIBLE.

"So, in the September Defence Debate, £3,600,000,000 was fixed as the British maximum and Mr. Gaitskell' (Chancellor of the Exchequer) 'stressed that this maximum would be impossible without substantial American assistance. Up to the last moment it had been intended to be even more explicit, and to mention the figure of £550,000,000 as the American contribution without which we could not do the job. Then, partly because Mr. Douglas, the American Ambassador, thought it would scare Congress; and partly because some members of the Cabinet hoped to get more if no figure were mentioned — the words 'substantial aid' were substituted for '£550,000,000'.

"But when Mr. Gaitskell got to Washington his hopes were dashed. Instead of offering more than we expected, the Americans offered nothing at all. Indeed, they treated the £3,600,000,000 as a minimum British contribution and it was dutifully increased four months later to £4,700,000,000. The moral is obvious enough. Those who ask don't get; and those who don't ask don't want."

**Says Cannot Be Completed**

The British periodical states that most experts privately agree that the program represented by the sum mentioned above "cannot be completed in the three-year period if only because of the shortage of raw materials. ... in short, the figure of £4,700,000,000 is a mere abracadabra; it is mystic, out of all proportion and without rational basis. It belongs to the old game we used to play as children: 'Think of a Number' — and square the 'Americans.'"

**F.U.A. BOARD**  
(Continued from Page 1)

bership year to a basis of twelve months from date of payment, and another to have the Executive elected by and from the Board.

**Committee on Farm Labor**

Messrs. Armstrong, Lembicz and Hawley were constituted a committee on farm labor; they will act as contact men in the districts of Calgary, Red Deer and Peace River respectively, Central Office acting in Edmonton district.

An interim financial statement showed that careful management would be needed for the remaining three months of the financial year, states Mr. Young.

Several matters were reviewed

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without decisions being taken; the question of closer relations with other Farmers' Unions, the matter of family membership fees; and publicity for the organization.

An outstanding feature of the meeting, writes Mr. Young, was the overall harmony which existed in spite of wide differences of opinion on some issues; another interesting feature he said, "was the return of two former presidents to the board, in the persons of James Jackson and Carl Stimpfle, both now directors."

There have been 11 changes on the Board of 24 members since February.

**WHAT UNIONS ASKED**

Henry Young, F.U.A. President, deals with the Regina Unions' Conference in this issue. Major proposals were: Domestic wheat price parity, set at \$2.12; upward adjustment on price under international agreement; general price controls but only after parity established; arbitration board to decide if farmers entitled to more under 5-year wheat board pool, producer majority on wheat board.

Ten thousand head of livestock will be on display at the Canadian National Exhibition, in Toronto.

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**DECLINE IN WOOL PRODUCTION**  
CANBERRA, Australia. — A five per cent drop in Australia's estimated wool production in the 1951-52 year is attributed partly to a drop in sheep numbers and partly to some decline in yield per animal. This will reduce the world supply of wool, already critically short.

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## MUSTARD AND CRESS

By SYDNEY MAY

Hello, Folks.

Cynical Gus says that the old dictum that we should all respect the law and the prophets has now been changed to mean that we should all respect the law and the profits.

And that reminds the Bad Egg of Crow's Nest that men still worship the Golden Calf even if it is only a paper counterfeit.

THIS IS TERRIBLE

Chuck of Chuckawalla insists that the sweet young things paint their cheeks, lips, eyebrows and nails because they suffer from an inferiority complexion.

Maybe, Chuck, Old top, on the other hand it maybe just their idea of developing a colorful personality.

"Senators Mull Over Pensions" — Headline in the *Calgary Herald*. Since the dictionary says "mull" means "muddle" how can this be considered news, the Bad Egg of Crow's Nest wants to know. Isn't that the way that Ottawa has always dealt with the Old Age Pension matter?

GREAT SCOTT!

We read where the powers that be

in Russia have ordered a lot of British library books to be burnt. Dickens, Howitt Burns.

### THE MOLDBOARD PLOW

The weeds grow tall round a moldboard plough.  
Since the farmer declares it is obsolete.

A spider is weaving its web on it now.  
And a hawk has built its nest on the seat.

And an old grey mare whose toil is through —  
The best of a team that trudged the field.  
Solemnly looks at the plough she knew,  
And dreams of the work it used to yield.

The tongue sags low from the rusted gear.  
And beneath the coulter a gopher burrows;  
No more will the blunt discolored shares,  
Upturn the earth into even furrows.

This moldboard plough, though inactive, old,  
Remains in my mem'ry and there it rules —  
A machine once worth all its weight in gold —  
The stalwart king of the farmer's tools.

Geo. Reis, Castor.

### ISN'T IT THE TRUTH

If you put your chips on the table the other fellow won't carry his on his shoulder.

They may call it the sea of matrimony, says Wally, our incurable bach., but the craft is possessed by the wife.

"New Drug Effective Against Some Insects." — Headline in the *Calgary Herald*. We suppose it just drives them bugs.

Mary of Carbon tells us that the lifeguards at Syvan Lake this year are so good looking that it will be a pleasure to drown.

### PUZZLE FOR TOMORROW

Everybody knows what a "yes man" is, but what would you call a girl who can't say "no" fast enough?

News dispatch from Enger, Germany, says that for three weeks the residents have been awakened by the clanging of the town fire bell although there were no fires. It appears that a woodpecker has made its home in the fire siren and pecking each morning at the metal switches has touched off the siren. Ah well, a siren being a female, it's only natural that the woodpecker wood-pecker.

The Bad Egg of Crow's Nest opines that parliamentary delay is just a matter of Ex-Speediency.

Discussing movie star Rita Hayworth's future plans, a New York item states that she may have to give up bathing suits, pork, screen kisses and cigarettes. Nevertheless we'll bet that Rita will still retain her see-worthy legs.

Says Senator Thomas Reid, New Westminster: "Budget speeches do not always give the exact financial position of the Provinces. There is a tendency to try and put it over the

## Active Fishermen's Co-op

PORT DOVER, Ont. — Financed through the Ontario Co-operative Credit Society, a new warehouse and office building have been put up here and will be occupied shortly by the Ontario Fishermen's Co-operative. The organization has 68 active members, who carry on fishing operations in Lake Ontario, Lake Erie, Lake Huron and Georgian Bay.

### NEW POTATO VARIETY

The new variety of potato — Kennebec — is now eligible for seed certification in Canada. Tests have shown it to be vigorous, fast-growing, high-yielding, disease-resistant variety with good cooking quality and excellent storage capacity. It is also said to be adapted to varying soil conditions.

public about their indebtedness in some form or other." O.K., by us, Tommy. Except in Alberta, of course, no matter how black things are, provincial budget always make the public see red.

Drayton Valley reports that an enraged mother bear forced two youths, Dick Block and Norman Law, to the tree tops when she caught them trying to catch one of her three cubs. We can just picture Bruin sitting at the foot of the tree singing softly: "Rocky-a bye baby, on the tree top."

In any case Dick was Blocked and the Norman Law was flouted.

### WHEN SUMMER COMES

Dawns that are painted by the hand of God,  
In colors that no artist's brush could limn;  
Blossoms that send incense when they nod  
Up to the everlasting throne of Him;  
The glow of sunlight woven by the trees  
To throw a golden carpet on the grass;  
The song of birds; the murmur of the bees;  
And summer time has come again to pass.

Wait till the clouds roll by!



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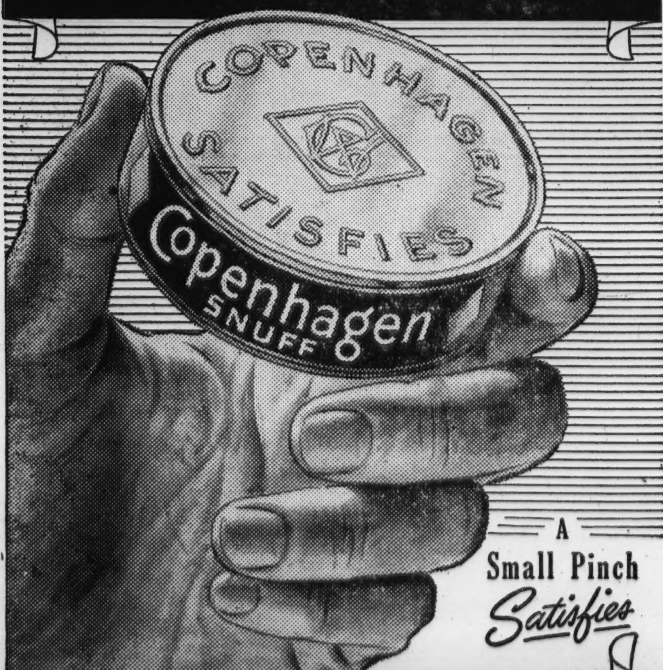
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## Correct Lubrication Is Vital Factor in Tractor Operation

Stressing the importance of choosing a first grade engine oil and using it wisely C. G. Tressider, A.M.I. Mech. E. writing in *Power Farmer* of London, England, says: "The inherent characteristics of any internal combustion engine causes the lubrication oil to become contaminated with incompletely burned fuel, carbon and water vapor; in addition, metallic particles, resulting from engine wear, and dust, which gain access to the engine because of operation under dirty conditions cause the lubricating oil characteristics to be so changed as to require its renewal from time to time. It is true that correctly maintained oil filters assist in controlling contamination by solids, but, in addition to fuel dilution and the presence of moisture, the chemical characteristics of an oil change as a result of the arduous conditions under which it functions, and this further serves to emphasize the need for renewal of crankcase oil at recommended intervals."

**FROST RESISTANT BARLEY**  
LETHBRIDGE, Alta. — Compana, Trebi, Titan and O.A.C. 21 are barley varieties that have shown greatest resistance to frost, states S. A. Wells, of the Lethbridge Experimental Station.

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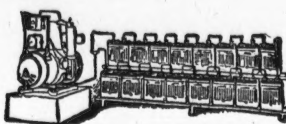
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T.R.H. Princess Elizabeth and Prince Philip are seen above in a recent picture, taken in the garden of their London home, Clarendon House. During their forthcoming visit to Canada they will be in Calgary on October 11th, and Edmonton on October 20th.

## A Critical Situation

The grain storage problem will be critical in Alberta this fall, particularly if the heavy crop now in prospect materializes. Most country elevators are carrying large stocks of grain which they are unable to clear out because of terminal congestion and a box-car shortage. Delivery quotas are low.

Farmers will undoubtedly have to hold a substantial portion of their grain right on their own farms. The best plan is to prepare any additional space that may be needed right away.

Many farmers will be unable to patronize Alberta Pool Elevators to the extent they would like to this fall. Those who can do so are urged to hold as much grain as possible for delivery at a later date to their own co-operative Pool elevator system.

## Alberta Wheat Pool

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